## AMENDMENTS TO THE CLAIMS

- 1. (Currently Amended) A replaceable printer component comprising:
- a thermal sense resistor having a first resistance;
- a resistance modifier coupled to the thermal sense resistor for modifying the first resistance; and

a memory that stores a plurality of fusible bits representing the first resistance <u>and pen</u> uniqueness information that uniquely identifies an inkjet cartridge.

- 2. (Previously Presented) The replaceable printer component of claim 1, wherein the plurality of fusible bits are set by blowing a resistor to modify the first resistance.
- 3. (Previously Presented) The replaceable printer component of claim 1, wherein the memory is a ROM.

## 4-6. (Canceled)

- 7. (Original) The replaceable printer component of claim 1, wherein the replaceable printer component is an inkjet printhead assembly.
- 8. (Original) The replaceable printer component of claim 1, wherein the replaceable printer component is an inkjet cartridge.
- 9. (Original) The replaceable printer component of claim 1, wherein the resistance modifier is a conductor for shorting a portion of the thermal sense resistor.
- 10. (Original) The replaceable printer component of claim 1, wherein the thermal sense resistor includes a serpentine-shaped portion having a plurality of transition regions.
- 11. (Previously Presented) The replaceable printer component of claim 10, wherein the resistance modifier is a conductor positioned near at least one of the plurality of transition regions for shorting a portion of the thermal sense resistor.

## 12-28. (Canceled)

- 29. (Previously Presented) An inkjet cartridge comprising:
- an inkjet printhead for selectively depositing ink drops on print media;
- an ink supply for providing ink to the inkjet printhead;
- a thermal sense resistor coupled to the inkjet printhead and having an adjustable resistance that may be adjusted multiple times; and
  - a memory device that stores a resistance value representing the adjustable resistance.
- 30. (Previously Presented) The inkjet cartridge of claim 29, wherein the resistance value is represented using a plurality of fusible bits.
- 31. (Previously Presented) The inkjet cartridge of claim 30, wherein the plurality of fusible bits are set by blowing a resistor to modify the adjustable resistance.
- 32. (Previously Presented) The inkjet cartridge of claim 29, wherein the adjustable resistance is capable of being adjusted after manufacture of the memory device.
- 33. (Previously Presented) The inkjet cartridge of claim 29, further comprising a controller coupled to the inkjet printhead for adjusting the resistance value.
  - 34. (Previously Presented) A printhead comprising:
- a memory device coupled to the printhead that stores a plurality of bits representing a resistance value; and
- a thermal sense resistor having a resistance capable of being adjusted by changing one or more of the plurality of bits stored in the memory device.
- 35. (Previously Presented) The printhead of claim 34, wherein at least one of the plurality of bits is a fusible bit capable of being blown in the memory device to adjust the resistance of the thermal sense resistor.
- 36. (Previously Presented) The printhead of claim 34, wherein the resistance is capable of being adjusted after manufacture of the memory device.
- 37. (Previously Presented) The printhead of claim 34, further comprising a controller coupled to the memory device for adjusting the one or more of the plurality of bits.

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